

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Currently Amended) A bonding member, comprising:
  - a ~~ceramics~~-ceramic member having a concave portion;
  - a metal member ~~which has~~having a convex portion fitted to the concave portion;
  - a first bonding material ~~which joins~~joining a bottom portion of the concave portion of the ~~ceramics~~-ceramic member and a tip portion of the convex portion of the metal member ~~and has~~, the first bonding material having a porous structure including particles and a brazing filler metal that covers a corner between a tip portion and a side portions-portion of the metal member; and
  - a second bonding material ~~which includes~~including a brazing filler metal that ~~joins~~joining a side portion of the concave portion of the ~~ceramics~~-ceramic member and a side portion of the convex portion of the metal member.
2. (Currently Amended) The bonding member of claim 1, wherein, when a corner radius between the tip and side portions of the convex portion of the metal member is  $R1$ , and when a corner radius between a bottom portion and a side portions-portion of the concave portion of the ceramic member is  $R2$ , a condition of  $R1 \geq R2 \times 0.6$  is satisfied.
3. (Currently Amended) The bonding member of claim 1, wherein a corner radius between the tip and side portions of the convex portion of the metal member is not less than 0.3 mm.

4. (Currently Amended) ~~The bonding member of claim 1, further comprising a A~~  
bonding member comprising:

a ceramic member having a concave portion;

a metal member having a convex portion fitted to the concave portion of the ceramic member;

a first bonding material joining a bottom portion of the concave portion of the ceramic member and a tip portion of the convex portion of the metal member, the first bonding material having a porous structure including particles and a brazing filler metal that covers a corner between a tip portion and a side portion of the metal member; and

a second bonding material including a brazing filler metal joining a side portion of the concave portion of the ceramic member and a side portion of the convex portion of the metal member; and

at least one vent hole which penetratespenetrating entirely through the metal member from an inside portion of the convex portion to an outer surface of the metal member in any-at least one of a vertical direction and a horizontal direction-inside the convex portion from a bottom portion of the convex portion.

5. (Currently Amended) An electrostatic chuck for ~~absorbing~~adsorbing an object to be processed, the electrostatic chuck, comprising:

~~a substrate which includes~~including an electrode therein and ~~has~~having a concave terminal bonding hole;

~~a terminal which is a~~ member made of a different material from that of the substrate ~~and which~~ supplies power to the electrode;

~~a bottom portion bonding material which joins~~joining a bottom portion of the terminal bonding hole of the substrate and a tip portion of the terminal ~~and has, the bottom portion bonding material having~~ a porous structure including particles and brazing filler metal that ~~covers~~covering a corner between a tip portion and a side portions-portion of the terminal member; and

a side portion bonding material ~~which includes~~including a brazing filler metal ~~that joins~~joining a side portion of the terminal bonding hole of the substrate and ~~the~~a side portion of the terminal member.

6. (Currently Amended) The electrostatic chuck of claim 5, wherein, when a corner radius between the tip and side portions of the terminal member is  $R1$ , and when a corner radius between the bottom and side portions of the terminal bonding hole of the substrate is  $R2$ , a condition of  $R1 \geq R2 \times 0.6$  is satisfied.

7. (Currently Amended) The electrostatic chuck of claim 5, wherein a corner radius between the tip and side portions of the terminal member is not less than 0.3 mm.

8. (Currently Amended) The electrostatic chuck of claim 5, wherein ~~a thickness of the side portion bonding material~~ has a thickness dimension which is 0.008 to 0.012 times a diameter of the terminal member.

9. (Currently Amended) The electrostatic chuck of claim 5, further comprising a bonding material housing hole ~~which houses~~housing a brazing filler metal before bonding inside a convex tip of the terminal member.

10. (Currently Amended) The electrostatic chuck of claim 5, further comprising a at least one vent hole ~~which penetrates~~penetrating through the terminal member in ~~any~~ at least one of a vertical direction and a horizontal direction ~~inside the terminal~~ from an inside portion of the terminal member proximate a bottom portion of the terminal member.

11. (New) The bonding member of claim 4, wherein the at least one vent hole in the convex portion of the metal member comprises a first vent hole penetrating

through the metal member in the vertical direction, and a second vent hole penetrating through the metal member in the horizontal direction.